

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L1    | 583  | "4993068"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>20:55 |
| L2    | 5    | "7162058"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>21:04 |
| L3    | 15   | "6779112"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>21:07 |
| L4    | 1573 | (different various several<br>many more multiple<br>plurality) near2 authent<br>\$8 near2 (methods<br>routines modules<br>processes mechanisms)                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>21:23 |
| L5    | 434  | (different various several<br>many more multiple<br>plurality) near2 authent<br>\$8 near2 (methods<br>routines modules<br>processes mechanisms)<br>and "713"/\$.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>21:24 |
| L6    | 381  | (different various several<br>many more multiple<br>plurality) near2 authent<br>\$8 near1 (methods<br>routines modules<br>processes mechanisms)<br>and "713"/\$.ccls.         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>21:24 |
| L7    | 1369 | (different various several<br>many more multiple<br>plurality) near2 authent<br>\$8 near1 (methods<br>routines modules<br>processes<br>mechanisms)"ab." and<br>"713"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/08/27<br>21:24 |

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| L8  | 14  | (different various several many more multiple plurality) near2 authent \$8 near1 (methods routines modules processes mechanisms). ab. and "713"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 21:24 |
| L9  | 108 | (different various several many more multiple plurality) near2 authent \$8 near1 (methods routines modules processes mechanisms). ab.                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 21:25 |
| L10 | 11  | samsung.as. and authentication adj modules   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 22:07 |
| L11 | 488 | authentication adj modules   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 22:10 |
| L12 | 10  | authentication adj modules with card\$1  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 22:10 |
| L13 | 37  | authentication adj modules.clm.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 22:11 |
| L14 | 19  | "6810479"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 22:54 |
| S1  | 19  | "1045346"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/20 10:19 |
| S2  | 523 | "4993068"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/20 10:20 |
| S3  | 2   | "7286691"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/20 10:22 |
| S4  | 71  | "6263447"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/20 10:22 |

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|-----|--------|--|--|----|-----|---------------------|
| S5  | 15     | "6408388"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>10:22 |
| S6  | 6      | "6798334"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>10:48 |
| S7  | 7      | ("4947442"   "5055658"  <br>"5559504"   "5815252"  <br>"5959541"   "6219793"  <br>"6480617").PN. | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2008/08/20<br>11:03 |
| S8  | 2301   | meister.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>13:14 |
| S9  | 171864 | martin.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>13:14 |
| S10 | 12     | martin.in. and portable<br>adj data adj carrier  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>13:15 |
| S11 | 16     | meister.in. and portable<br>adj data adj carrier   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>13:15 |
| S12 | 495    | 726/9.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>13:16 |
| S13 | 3      | "6907134"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>13:45 |
| S14 | 98     | 726/9.ccls. and digital adj<br>signature\$1  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>15:55 |
| S15 | 97     | 726/9.ccls. and digital adj<br>signature\$1 and key\$1   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>15:57 |
| S16 | 27     | 726/9.ccls. and digital adj<br>signature\$1 and session<br>near1 key\$1                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/20<br>15:57 |

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| S17 | 33   | 726/9.ccls. and mutual adj authenticat\$3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 10:04 |
| S18 | 66   | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with biometric and mutual adj authenticat\$3   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 10:31 |
| S19 | 124  | fujitsu.as. and biometric adj authentication   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 11:02 |
| S20 | 34   | fujitsu.as. and biometric adj authentication adj device  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 11:02 |
| S21 | 3727 | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with sign\$3 with (data file document content)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 11:19 |
| S22 | 324  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with sign\$3 with (data file document content) and digital adj signature\$1  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 11:19 |
| S23 | 218  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with (sign\$1 signed signing\$1) with (data file document content) and digital adj signature\$1                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 11:20 |
| S24 | 27   | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with (sign\$1 signed signing\$1) with (data file document content) and digital adj signature\$1 and mutual adj authentication\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 11:21 |
| S25 | 13   | "6810479"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 13:16 |

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| S26 | 1   | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with (disabl \$3 deactivat\$3) with authentication\$1 near1 (process\$2 method\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 13:19 |
| S27 | 213 | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1) with authentication\$1 near1 (processes methods)                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 13:31 |
| S28 | 13  | "6810479"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 14:04 |
| S29 | 216 | user with select\$3 with authentication adj method \$1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 14:48 |
| S30 | 45  | user with select\$3 with authentication adj method \$1.clm.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/21 14:49 |
| S31 | 3   | "20030154406"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/22 09:57 |
| S32 | 4   | "2002087894"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/22 09:58 |
| S33 | 0   | "20020878940"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/22 09:58 |
| S34 | 2   | "20020087894"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/22 09:58 |
| S35 | 2   | "20020087894"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/08/25 10:41 |
| S36 | 5   | "7162058"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/12 16:52 |

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| S37 | 253 | (smart adj card chip adj card integrated adj circuit adj card) with authent\$8 adj method\$1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/12 23:49 |
| S38 | 32  | (smart adj card chip adj card integrated adj circuit adj card) with authent\$8 adj method\$1.ab.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/12 23:50 |
| S39 | 44  | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card) with authent\$8 adj method\$1.clm.                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/12 23:58 |
| S40 | 99  | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with authent\$8 adj methods                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 00:05 |
| S41 | 2   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) near authent\$8 adj methods                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 00:09 |
| S42 | 1   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with embed\$4 with authent\$8 adj methods  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 00:11 |
| S43 | 1   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with different with authent\$8 adj methods | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 00:13 |
| S44 | 4   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with many with authent\$8 adj methods      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 00:13 |
| S45 | 3   | "6931381"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 09:55 |

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| S46 | 270 | 705/53.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>09:56 |
| S47 | 150 | 705/53.ccls. and authen\$9   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>09:56 |
| S48 | 69  | 705/53.ccls. and authen\$9.clm.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>09:57 |
| S49 | 347 | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with different with (verif\$9 authent\$8)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>10:04 |
| S50 | 91  | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with different with (verif\$9 authent\$8) and biometric                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>10:05 |
| S51 | 17  | "6567915"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>10:44 |
| S52 | 118 | "6219439"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>10:48 |
| S53 | 15  | ("6567915").URPN.  | USPAT  | OR | OFF | 2009/02/13<br>11:11 |
| S54 | 214 | 726/20.ccls.   | USPAT  | OR | OFF | 2009/02/13<br>11:26 |
| S55 | 7   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with multiple with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/13<br>12:30 |

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| S56 | 8   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with plurality with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:32 |
| S57 | 4   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with many with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms)      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:34 |
| S58 | 225 | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms)                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:55 |
| S59 | 103 | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms) and biometric  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:55 |
| S60 | 10  | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms).ab.            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:55 |

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| S61 | 10   | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms units).ab.                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:58 |
| S62 | 6    | (smart adj card chip adj card integrated adj circuit adj card ic adj card electronic adj wallet\$1 pc adj card dongle\$1) with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms units).clm.                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 12:58 |
| S63 | 61   | different with (verif\$9 authent\$8) adj (methods routines modules processes mechanisms units).ab.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 13:58 |
| S64 | 22   | "6651168"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 14:25 |
| S65 | 5    | "7162058"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 14:52 |
| S66 | 22   | "6651168"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/13 15:00 |
| S67 | 1843 | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with authentic\$7 near1 (procedure\$1 technique \$1 method\$1 scheme\$1 process\$2 arrangement \$1 module\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 14:43 |

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| S68 | 233 | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with authentic\$7 near1 (procedure\$1 technique \$1 method\$1 scheme\$1 process\$2 arrangement \$1 module\$1).ti.                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 14:44 |
| S69 | 340 | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with authentic\$7 near1 (procedure\$1 technique \$1 method\$1 scheme\$1 process\$2 arrangement \$1 module\$1).ab.                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 14:44 |
| S70 | 79  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with authentic\$7 near1 (procedure\$1 technique \$1 method\$1 scheme\$1 process\$2 arrangement \$1 module\$1).ab. and result\$1 with authen\$9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:14 |
| S71 | 4   | "0182190"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:21 |
| S72 | 2   | renner.in. and identity adj verification   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:22 |
| S73 | 0   | global adj transaction adj company.as. and identity  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:23 |
| S74 | 0   | verification adj authority with e-commerce.ti.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:24 |
| S75 | 583 | "4993068"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:25 |

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| S76 | 2  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with embed\$4 with multiple with verification  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:27 |
| S77 | 0  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with embed\$4 with different with verification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:28 |
| S78 | 0  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with embed\$4 with different with authen\$7    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:28 |
| S79 | 1  | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with contain\$3 with different with authen\$7  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:29 |
| S80 | 36 | (IC adj card\$1 smart adj card\$1 dongle\$1 portable adj data adj carrier chip adj card\$1 hardware adj key\$1 microprocessor\$1) with multiple with authen\$7                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/08/27 15:29 |

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